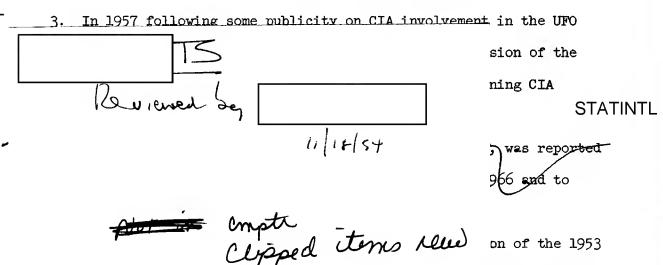
Memorandum for the D/CI

Subject: Air Force Request to Declassify CIA Material on Unidentified Flying Objects (UFO)

- 1. The following is a brief review of events pertinent to the subject matter.
- 2. In 1953 OSI convened a panel of scientists to consider reports on unidentified flying objects and to advise us on the potential threat to national security. This resulted in a report classified "secret."

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- 6. In as much as a sanitimed version of the 1953 report had been released to the Air Force in 1957, we requested clarification in a meeting with an Air Force representative on 19 July. (See attachment C) During this meeting the Air Force representative showed us a USAF copy of the 1953 CIA report. It was stamped unclassified, indicating that the classification had been changed sometime prior to 19 July.
- 7. A new request dated 27 July was prepared by USAF. (See attachment D)
 USAF Declass/Release Instructions On File

Memorandum for the D/CI

Subject: Air Force Request to Declassify CIA Material on Unidentified Flying Objects (UFO)

- 1. The following is a brief review of events pertinent to the subject matter.
- 2. In 1953 OSI convened a panel of scientists to consider reports on unidentified flying objects and to advise us on the potential threat to national security. This resulted in a report classified "secret."
- 3. In 1957 following some publicity on CIA involvement in the UFO problem, the USAF requested and obtained an unclassified version of the conclusions of the 1953 report. That version avoided mentioning CIA STATINTL involvement. (See attachment A)

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- 5. On 12 July 1966 USAF again requested declassification of the 1953 report. (See attachment B) Prior publicity was given as justification for downgrading.
- 6. In as much as a sanithted version of the 1953 report had been released to the Air Force in 1957, we requested clarification in a meeting with an Air Force representative on 19 July. (See attachment C) During this meeting the Air Force representative showed us a USAF copy of the 1953 CIA report. It was stamped unclassified, indicating that the classification had been changed sometime prior to 19 July.
- 7. A new request dated 27 July was prepared by USAF. (See attachment D)

- 8. On 10 August the Air Force representative called to ask about the status of our reply. She stated that Mr. John Lear, a newsman, had published an article on UFO's in the Saturday Review. (See attachment E, paragraph 3) This was the first indication during the recent interchanges that the USAF wanted to release the complete CIA report to the public.
- 9. On 15 August a declassified version of the complete 1953 report was forwarded to the Air Force. (See attachment F)
- 10. Prior to USAF receipt of the OSI reply, the Air Force called twice on 16 August to determine the status of our response and to ask about the extent of the sanitizing.
- 11. They called again on 18 August to request return of the USAF copy of the CIA report which had been sent to us for sanitizing. (See attachment G)

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Ch/7621 (1 September 66)

23 AUG 1966

MEMORANDUM FOR RECORD:

SUBJECT: Air Force Request to Declassify CIA UFO Report

REFERENCE: 1. Memo to Ch/DSD dated 20 July 1966

2. Memo for Record dated 12 August 1966

- 1. Mrs. Sara Hunt of the Air Force Office of Information called the undersigned twice on 16 August and once on 18 August.
- 2. The first time she asked if our response had gotten out and I told her it had. She requested the phone number of the office responsible for issuing the reply and I number.
 - 3. The second time Mrs. Hunt called she wanted to know the extent of the deletions, if any. I told her that, at least, reference to CIA and names of CIA employees were removed, and that I had heard that some additional sanitizing probably was done in the processing of the reply.
 - 4. The Lourth call was to state that Air Force had received our response, and to ask for the return of their copy of the CIA report which had been forwarded to us with the request for declassification.

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FOR CIA INTERNAL EDE ONLY

DEPARTMENT OF THE AIR FORCE HEADQUARTERS FOREIGN TECHNOLOGY DIVISION (AFSC) WRIGHT-PATTERSON AIR FORCE BASE, OHIO 48433



REPLY TO

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TDETR

SUBJECT: Declassification of the "Report of the Scientific Panel on Unidentified Flying Objects"

JUL II 1988

70: Central Intelligence Agency Deputy Director for Scientific Intelligence

- 1. Request that consideration be given to declassify the "Report of the Scientific Panel on Unidentified Flying Objects", dated 17 January 1953.
- 2. This particular report has been referred to in a number of articles by the news media and by some of the more vocal UFO hobby clubs.
- 3. Request that consideration be given to declassifying the report to "UNCLASSIFIED" or "FOR OFFICIAL USE CNLY".

FOR THE COMMANDER

ERIC T. de JONCKHEERE, Colonel, USAF

Deputy for Technology and Subsystems

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MEMORANDUM FOR: Chief, Defensive Systems Division/GSI

SUBJECT:

Air Force Request to Declassify an OSI

Paper on UFO's

REFERENCE:

CIA/OSI "Report of the Scientific Panel on Unidentified Flying Objects" dated February 1953

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25X1A

1. Mrs. Sara B. Hunt, of the Office of Information,
Office of the Secretary of the Air Force, visited
on 19 July 1966 to discuss an Air Force request to declassify the referenced report.

2. Mrs. Hunt indicated that this request was triggered by the 12 May "CES Reports" program.

Chairman of the panel, was on the show and reportedly made sufficient references to CIA involvement in
UFO analysis to cause a press reaction.

25X1A

25X1A showed that had approved a similar Air Force request in December 1957. This resulted in a sanitized version of the original consultants' report. This report presented most of the conclusions but it did not refer to the original meeting minutes, case histories, or indicate CTA involvement. has OSI copies of the reports and correspondence).

25X1A

- 4. Although the Air Force request now in OSI does not request additional declassification, Mrs. Hunt expressed the view that this was intended. Mrs. Hunt said that the Air Force is newtrying to declassify all U.S. Government work on UFO's.
- 5. Inasmuch as my review of the original material showed that significant deletions would be required for further declassification, I suggested that Mrs. Hunt ask the Air Force originator to submit a second request, if they wanted declassification of additional material from the minutes and case histories.

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SUBJECT: Air Force Request to Beclassity am OSI Paper on

6. Mrs. Hunt said that be sent to us in the near it	t a more specific request would be ature.
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DEPARTMENT OF THE AIR FORCE HEADQUARTERS UNITED STATES AIR FORCE WASHINGTON, D.C.

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WASHINGTON, D.C.

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JUL 2 7 1986

Declassification of "Report of Meetings of Scientific Advisory Panel on Unidentified Flying Objects Convened by Office of Scientific Intelligence, CIA, January 14-18, 1953"

Central Intelligence Agency
Deputy Director for Scientific Intelligence
Attn:
Washington, D. C.

25X1A

- 1. Request your consideration in declassifying subject report which includes the "Report of the Scientific Penel on Unidentified Flying Objects", dated January 17, 1953. A copy of this document is attached for your convenience.
- 2. Attached for further information are a letter from CIA to the Air Force Assistant Chief of Staff for Intelligence dated December 20, 1957, and a copy of a letter with attachments from Foreign Technology Division, Wright-Potterson Air Force Base, Ohio, dated July 12, 1956. Request all attachments be returned to this office.

FOR THE CHIEF OF STAFF

GERALD R. JORGENSEN
Colonel, USAF
Chief
Community Relations Division
Office of Information

3 Atch

- 1. Rpt of Mtgs of Scientific Advis Panel on UFOs, convened by Office of Scientific Intelligence, CIA, Jan 14-18, 1953
- 2. Ltr, CIA to AF, 20 Dec 1957 3. Ltr, FTD to CIA, Jul 12, 1966

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1 2 AUG 1965

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MEMORANDUM FOR RECORD:

SUBJECT: Air Force Request to Declassify CIA

UFO Report

REFERENCE: Memo for Chief, DSD/OSI, dated 20 July 66

- Miss Sara Hunt of Air Force Office of Information phoned on 10 August to determine the status of our response to their request.
- Upon instructions from Dr. Walter Mackey I told her that the declassified report was being retyped and would be forwarded soon. Miss Hunt's restraint was admirable. She pressed gently for a more specific response, which was not forthcoming.
- 3. Miss Hunt concluded by saying that Mr. John Leard, a newsman, had an article on UFO's in last week's Saturday Review. She stated that they wanted to show the new version to him as soon as it was declassified.

D. B. STEVENSON

Distribution:

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1 5 AUG 1966

Colonel Gorald E. Jorgensen Whiel, Community Relations Division Willre of Information Department of the Air Porce Washington, D. C.

ATTOTAL MARKETA

Dear Colonel Jorgenson:

Consideration has been given to your request of the felly 1000 for the declarations of the fellows of the Scientific Fanel on Unidentified Fiving objects."
The Ordinative Fanel on Unidentified Fiving objects."
The Ordinative Fanel on Unidentified Fiving objects."
The Ordinative of Scientified Intelligence feels that the report, has an alcornative, as unclassified version has been prepared which calls haven of personnel and participating organizations, and he are appointed to the release of this version. It should be noted that permission for release has not been obtained from persons or organizations involved in the califical penal report, and that the penal members themselves appeal only to the release of the edited storary and conclusions indicated by Mr. P. C. Strong in his ID December 1957 memorandum to AFCIN.

We are most anxious that further publicity not be given to the information that the panel was sponsored by the Control Intelligence Agency. Further, we cannot authorize the listing of parconal participating in the discussions in any unclassified releases.

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COMMENTS AND SUGGESTIONS OF UFO PANEL

General.

The Panel Members were impressed with the lack of sound data in the great majority of case histories. Among the case histories of significant sightings discussed in detail were the following:

Bellefontaine, Ohio (1 August 1952); Tremonton, Utah (2 July 1952); Great Falls, Montana (15 August 1950); Yaak, Montana (1 September 1952); Washington, D.C. area (19 July 1952); and Haneda A.F.B., Japan (5 August 1952), Port Huron, Michigan (29 July 1952); and Presque Isle, Maine (10 October 1952).

After review and discussion of these cases (and about 15 others, in less detail), the Panel concluded that reasonable explanations could be suggested for most sightings and "by deduction and scientific method it could be induced (given additional data) that other cases might be explained in a similar manner". The Panel pointed out that because of the brevity of some sightings (e.g., 2-3 seconds) and the inability of the witnesses to express themselves clearly (semantics) that conclusive explanations could not be expected for every case reported. Furthermore, it was considered that, normally, it would be a great waste of effort to try to solve most of the sightings, unless such

action would benefit a training and educational program (see below). The writings of Charles Fort were referenced to show that "strange things in the sky" had been recorded for hundreds of years. It appeared obvious that there was no single explanation for a majority of the things seen.

On Lack of Danger.

The Panel concluded unanimously that there was no evidence of a direct threat to national security in the objects sighted. Instances of "Foo Fighters" were cited. These were unexplained phenomena sighted by aircraft pilots during World War II in both European and Far East theaters of operation wherein "balls of light" would fly near or with the aircraft and maneuver rapidly. They were believed to be electrostatic (similar to St. Elmo's fire) or electromagnetic phenomena or possibly light reflections from ice crystals in the air, but their exact cause or nature was never defined. If the term "flying saucers" had been popular in 1943-1945, these objects would have been so labeled.

Air Force Reporting System.

It was the Panel's opinion that some of the Air Force concern over UFO's (notwithstanding Air Defense Command anxiety over fast radar tracks) was probably caused by public pressure. The result today is that the Air Force

has instituted a fine channel for receiving reports of nearly anything anyone sees in the sky and fails to understand. This has been particularly encouraged in popular articles on this and other subjects, such as space travel and science fiction. The result is the mass receipt of low-grade reports which tend to overload channels of communication with material quite irrelevant to hostile objects that might some day appear. The Panel agreed generally that this mass of poor-quality reports containing little, if any, scientific data was of no value. the opposite, it was possibly dangerous in having a military service foster public concern in "nocturnal meandering lights". The implication being, since the interested agency was military, that these objects were or might be potential direct threats to national security. Accordingly, the need for deemphasization made itself apparent. Comments on a possible educational program are enumerated below.

It was the opinion of one of the Panel members that the "saucer" problem had been found to be different in nature from the detection and investigation of German V-1 and V-2 guided missiles prior to their operational use in World War II. In this 1943-1944 intelligence operation (CROSSBOW), there was excellent intelligence, and by June

1944 there was material evidence of the existence of "hardware" obtained from crashed vehicles in Sweden. This evidence gave the investigating team a basis upon which to operate. The absence of any "hardware" resulting from unexplained UFO sightings lends a "will-of-the-wisp" nature to the problem. The results of the investigation, to date, strongly indicate that no evidence of hostile act or danger exists. Furthermore, the current reporting system would have little value in the case of detection of enemy attack by conventional aircraft or guided missiles; under such conditions "hardware" would be available almost at once.

Artifacts of Extraterrestial Origin.

It was interesting to note that none of the members of the Panel were loath to accept that this earth might be visited by extraterrestrial intelligence beings of some sort, some day. What they did not find was any evidence that related the objects sighted to space travelers. One of the Panel members, in his presentation, showed how he had eliminated each of the known and probable causes of sightings leaving him "extra-terrestial" as the only one remaining in many cases. His background as an aeronautical engineer and technical intelligence officer could not be slighted. However, the Panel could not accept any of

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the cases cited by him because they were raw, unevaluated reports. Terrestrial explanations of the sightings were suggested in some cases, and in others the time of sighting was so short as to cause suspicion of visual impressions. It was noted by others of the Panel members that extraterrestrial artifacts, if they did exist, are no cause for alarm; rather, they are in the realm of natural phenomena subject to scientific study, just as cosmic rays were at the time of their discovery 20 to 30 years ago. This was an attitude in which another of the Panel members did not concur, as he felt that such artifacts would be of immediate and great concern not only to the U.S. but to all countries. (Nothing like a common threat to unite peoples!) It was noted that present astronomical knowledge of the solar system makes the existence of intelligence beings (as we know the term) elsewhere than on the earth extremely unlikely, and the concentration of their attention by any controllable means confined to any one continent of the earth quite preposterous.

Tremonton, Utah, Sighting.

This case was considered significant because of the excellent documentary evidence in the form of Kodachrome motion picture films (about 1600 frames). The Panel

studied these films, the case history, ATIC's interpretation, and received a briefing by representatives of the USN Photo Interpretation Laboratory on their analysis of the film. This team had expended (at Air Force request) approximately 1000 man-hours of professional and subprofessional time in the preparation of graph plots of individual frames of the film, showing apparent and relative motion of objects and variation in their light intensity. It was the opinion of the P.I.L. representatives that the objects sighted were not birds, balloons or aircraft, were "not reflections because there was no blinking while passing through 60° of arc" and were, therefore, "self-luminous". Plots of motion and variation in light intensity of the objects were displayed. While the Panel Members were impressed by the evident enthusiasm, industry and extent of effort of the P.I.L. team, they would not accept the conclusions reached. Some of the reasons for this were as follows:

- a. A semi-spherical object can readily produce a reflection of sunlight without "blink-ing" through 60° of arc travel.
- b. Although no date was available on the "albedo" of birds or polyethylene balloons

in bright sunlight, the apparent motions, sizes and brightnesses of the objects were considered strongly to suggest birds, particularly after the Panel viewed a short film showing high reflectivity of seagulls in bright sunlight.

- c. P.I.L. description of the objects sighted as "circular, bluish-white" in color would be expected in cases of specular reflections of sunlight from convex surfaces where the brilliance of the reflection would obscure other portions of the object.
- d. Objects in the Great Falls case were believed to have probably been aircraft, and the bright lights such reflections.
- e. There was no valid reason for the attempt to relate the objects in the Tremonton sighting to those in the Great Falls sighting. This may have been due to misunderstanding in their directive. The objects in the Great Falls sighting are strongly suspected of being reflections of aircraft known to have been in the area.
- f. The intensity change in the Tremonton lights was too great for acceptance of the P.I.L. hypothesis that the apparent motion and changing

intensity of the lights indicated extremely high speed in small orbital paths.

- g. Apparent lack of guidance of investigators by those familiar with UFO reports and explanations.
- h. Analysis of light intensity of objects made from duplicate rather than original film.

 The original film was noted to have a much lighter background (affecting relative brightness of object) and the objects appeared much less bright.
- i. Method of obtaining data of light intensity appeared faulty because of unsuitability of equipment and questionable assumptions in making averages of readings.
- j. No data had been obtained on the sensitivity of Kodachrome film to light of various intensities using the same camera type at the same lens openings.
- k. Hand "jitter" frequencies (obtainable from early part of Tremonton film) were not removed from the plots of the "single pass plots" at the end of the film.

The Panel believed strongly that the data available on this sighting was sufficient for positive identification if further data is obtained by photographing polyethylene "pillow" balloons released near the site under similar weather conditions, checking bird flight and reflection characteristics with competent ornithologists and calculating apparent "G" forces acting upon objects from their apparent It was concluded that the results of such tests would probably lead to creditable explanations of value in an educational or training program. However, the Panel noted that the cost in technical manpower effort required to follow up and explain every one of the thousand or more reports received through channels each year (1,900 in 1952) could not be justified. It was felt that there will always be sightings, for which complete data is lacking, that can only be explained with disproportionate effort and with a long time delay, if at all. The long delay in explaining a sighting tends to eliminate any intelligence value. The educational or training program should have as a major purpose the elimination of popular feeling that every sighting, no matter how poor the data, must be explained in detail. Attention should be directed to the requirement among scientists that a new phenomena, to be accepted, must be completely and convincingly documented.

In other words, the burden of proof is on the sighter, not the explainer.

Potential Related Dangers.

The Panel Members were in agreement that although evidence of any direct threat from these sightings was wholly lacking, related dangers might well exist resulting from:

- a. Misidentification of actual enemy artifacts by defense personnel.
- b. Overloading of emergency reportingchannels with "false" information ("noise to signal ratio").
- c. Subjectivity of public to mass hysteria and greater vulnerability to possible enemy psychological warfare.

The first two of these problems may seriously affect the Air Defense intelligence system, and should be studied by experts, possibly under ADC. If UFO's become discredited in a reaction to the "flying saucer" scare, or if reporting channels are saturated with false and poorly documented reports, our capability of detecting hostile activity will be reduced. More competent screening or filtering of reported sightings at or near the source is

required, and this can best be accomplished by an educational program.

Geographic Locations of Unexplained Sightings.

The map prepared by ATIC showing geographic locations of officially reported unexplained sightings (1952 only) was examined by the Panel. This map showed clusters in certain strategic areas such as Los Alamos. This might be explained on the basis of 24-hour watchful guard and awareness of security measures near such locations. the other hand, there had been no sightings in the vicinity of sensitive related AE establishments while there were occasionally multiple cases of unexplained sightings in non-strategic areas. Furthermore, there appeared to be no logical relationship to population centers. The Panel could find no ready explanation for these clusters. was noted, however, that if terrestrial artifacts were to be observed, it would be likely that they would be seen first near foreign areas rather than central U.S.

Instrumentation to Obtain Data.

The Panel was of the opinion that the present ATIC program to place 100 inexpensive 35 mm. stereo cameras (Videon Cameras) in the hands of various airport control tower operators would probably produce little valuable

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data related to UFO's. However, it was recognized that such action would tend to allay public concern in the subject until an educational program had taken effect. It was believed that procurement of these cameras was partly the result of public pressure in July 1952. With the poor results of the year-long Project TWINKLE program of 24-hour instrumentation watch (two frames of film showing nothing distinguishable), a widespread program of skywatching would not be expected to yield much direct data of value.

There was considerable discussion of a possible "sky patrol" by amateur astronomers and by wide-angle cameras. It was pointed out that at present a considerable fraction of the sky is now -- and has been for many years -- under surveillance every clear night in several meteor and aurora observing programs as well as sky mapping programs at the various locations listed below. Although the attention of these astronomers is largely directed toward identified rather than unidentified objects, no case of any striking unidentified object is known to the Panel. Such an object would most certainly be reported if found on patrol plates.

A case was cited where an astronomer refused to interrupt his exposure in order to photograph an alleged sighting in a different part of the sky, suggesting that if

a program of watching could be an adjunct of planned astronomical programs, little cost would be involved and that the trained astronomical personnel might photograph a sighting of an unidentified object.

It was agreed by the Panel that no government-sponsored program of optical nation-wide sky patrol is worthwhile at the present time, and that the encouragement of amateur astronomers to undertake such a program might have the adverse effect of over-emphasizing "flying saucer" stories in the public mind. However, the issue of radar-scope cameras for recording peculiar radar echoes would serve several purposes, including the better understanding of radar interference as well as identification of UFO's.

Radar Problem of Mutual Interference.

This characteristic problem of radar operation wherein the pulse signal (of approximately the same frequency) from station A may be picked up on the screen of station B and show as a high-speed track or series of dots was recognized to have probably caused a number of UFO reports. This problem was underlined by information received indicating ADC concern in solving this problem of signal identification before service use of very high-speed aircraft or guided missiles (1955-1956). One

panel member believed that one answer to this problem was the use of a "doppler filter" in the receiving circuit. Another suggested that the problem might be better solved by the use of a "controlled jitter" wherein the operator receiving "very fast tracks" (on the order of 1000-10,000 mph) would operate a circuit which would alter slightly his station's pulse frequency rate. If the signal received on the screen had been caused by mutual interference with another station, the track would now show itself at a different distance from the center of the screen, if it still appeared at all. Such a technical solution was thought to be simpler and would cost much less than a "doppler filter".

Unexplained Cosmic Ray Phenomena.

Two reported cases were examined: one at Palomar Mountain, California, in October 1949, when cosmic ray counters went "off scale for a few seconds", apparently while a "v" of flying saucers was observed visually; and two, a series of observations by the "Los Alamos Bird Watchers Association" from August 1950 to January 1951, when cosmic ray coincidence counters behaved queerly. Circuit diagrams and records were available for the latter, and a Panel member was also quickly to point out that the recorded data were undoubtedly due to instrumental effects

that would have been recognized as such by more experienced observers.

The implication that radioactive effects were correlated with unidentified flying objects in these two cases was, therefore, rejected by the Panel.

Educational Program.

The Panel's concept of a broad educational program integrating efforts of all concerned agencies was that it should have two major aims: training and "debunking".

The training aim would result in proper recognition of unusually illuminated objects (e.g., balloons, aircraft reflections) as well as natural phenomena (meteors, fireballs, mirages, noctilucent clouds). Both visual and radar recognition are concerned. There would be many levels in such education from enlisted personnel to command and research personnel. Relative emphasis and degree of explanation of different programs would correspond to the categories of duty (e.g., radar operators; pilots; control tower operators; Ground Observer Corps personnel; and officers and enlisted men in other categories). This training should result in a marked reduction in reports caused by misidentification and resultant confusion.

The "debunking" aim would result in reduction in public interest in "flying saucers" which today evokes a

strong psychological reaction. This education could be accomplished by mass media such as television, motion pictures, and popular articles. Basis of such education would be actual case histories which had been puzzling at first but later explained. As in the case of conjuring tricks, there is much less stimulation if the "secret" is known. Such a program should tend to reduce the current gullibility of the public and consequently their susceptibility to clever hostile propaganda.

Members of the Panel had various suggestions related to the planning of such an educational program. It was felt strongly that psychologists familiar with mass psychology should advise on the nature and extent of the program. Also, someone familiar with mass communication techniques, perhaps an advertising expert, would be helpful. The teaching techniques used for aircraft identification during the past war were cited as an example of a similar educational task. The amateur astronomers in the U.S. might be a potential source of enthusiastic talent "to spread the gospel". It was believed that business clubs, high schools, colleges, and television stations would all be pleased to cooperate in the showing of documentary type motion pictures if prepared in an interesting manner.

The use of true cases showing first the "mystery" and then the "explanations" would be forceful.

To plan and execute such a program, the Panel believed was no mean task. The current investigatory group at ATIC would, of necessity, have to be closely integrated for support with respect to not only the historical cases but the current ones. Recent cases are probably much more susceptible to explanation than older ones; first, because of ATIC's experience and, secondly, their knowledge of most plausible explanations. The Panel believed that some expansion of the ATIC effort would certainly be required to support such a program. It was believed inappropriate to state exactly how large a Table of Organization would be required.

The Panel believed that, with ATIC's support, the educational program of "training and debunking" outlined above might be required for a minimum of one and one-half to two years. At the end of this time, the dangers related to "flying saucers" should have been greatly reduced if not eliminated. Cooperation from other military services and agencies concerned (e.g., Federal Civil Defense Administration) would be a necessity. In investigating significant cases (such as the Tremonton, Utah, sighting), controlled experiments might be required. An example would be the

photographying of "pillow balloons" at different distances under similar weather conditions at the site.

The help of one or two psychologists and writers and a subcontractor to produce training films would be necessary in addition. The Panel considered that ATIC's efforts, temporarily expanded as necessary, could be most useful in implementing any action taken as a result of its recommendations. Experience and records in ATIC would be of value in both the public educational and service training program envisaged. At least one Panel member was of the opinion that after public gullibility lessened and the service organizations, such as ADC, had been trained to sift out the more readily explained spurious sightings, there would still be a role for a very modest-sized ATIC section to cope with the residuum of items of possible scientific intelligence value. This section should concentrate on energetically following up those cases which seemed to indicate the evidence of unconventional enemy artifacts. Reports of such artifacts would be expected to arise mainly from Western outposts in far closer proximity to the Iron Curtain than Lubbock, Texas!

Unofficial Investigating Groups.

The Panel took cognizance of the existence of such groups as the "Civilian Flying Saucer Investigators"

(Los Angeles) and the "Aerial Phenomena Research Organization (Wisconsin)". It was believed that such organizations should be watched because of their potentially great influence on mass thinking if widespread sightings should occur. The apparent irresponsibility and the possible use of such groups for subversive purposes should be kept in mind.

Increase in Number of Sightings.

The consensus of the Panel was, based upon the history of the subject, that the number of sightings could be reasonably expected to increase again this summer.

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Estimation, Case (I Argust 1952); Trementon, Utch (2 July 1811); Enert Fills, Montage (Is August 1950); Teak, Montage (I Septimber 1952); Williamston, D. G. area (19 July 1952); and Haneda A.F...., Capan (5 August 1952); Rat Euron, Mahigan (29 July 1952); and Decayes Iole, Maine (10 Catabur 1952).

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The Fanol concluded unanimously that there was no evidence of a filtered threat to national accurity in the objects sighted.

Instances of "For Fighters" were cited. These were unemplained phenomena sighted by aircraft pilots during World War II in both throughout and Far East theaters of operation wherein "balls of light" would fly near or with the aircraft and maneuver rapidly. They were balloved to be electrostatic (similar to St. Himo's fire) or electromagnetic phenomena or possibly light reflections from ice crystals in the air, but their crast cause or nature was never defined. Both?

25X1A

had been concerned in the investigation of these phenomena, but David T. Griggs (Professor of Geophysics at classic the University of California at Los Angeles) is believed to have been the most knowledgeable person on this subject. If the term offices sourcers had been popular in 1943 - 1945, these objects would

SECRET Security Information

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	have have no inholod. We see interesting that in at least two
	Caran newfound that the object sighted was categorized by
25X1A	cuit os probably "For Fightors", to date unemplained but und had
	Congulates filey were not larger than to dismiss the sightings by
	calling than names. It was their feeling that these phenomena are
	mad helyond the demain of greent knowledge of physical science, henover,
	ATT TOTAL REPORTED SYSTEM

OEV4 A

No was the Penel's of then that some of the Air Porce concern Cour J. 60. s (notwithstending Air Dofense Command andlety over Sant walth washe) was probably caused by public pressure. The result 'to by is that the Air Force has instituted a fine channel for receiving reports of hearly anything engone sees in the sky and Malls to understand. This has been particularly encouraged in popu-In articles on this and other subjects, such as apace travel and colonso fiction. The result is the mass receipt of low-grade reports which tend to overlead charmels of communication with material quito inscherent to hostile objects that might some day appear. The Panel agreed generally that this mass of poor-quality reports containing MANACO if any, scientific data was of no value. Quite the opposite, it was possibly dangerous in having a military service foster public o usern in "nocturnal meandering lights". The implication being, allice the interested agency was military, that these objects were and the potential direct threats to national security. Ascord-Engly, the need for decuphasization made itself apparent. Communics on a possible educational program are enumerated below.

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they har Parcharenters

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To country one spinister of that the "saucer" problem le a lover florest to be different in moture from the detection and for the first thing of Common Well and Vel guided missiles prior to their es soldered use in World How II. In this 1942-1944 intelligence. of marking (Chouseon), then were expellent intelligence and by June 2014, there was unterial a limite of the emistence of "hardware" diaminud from cracked web the has in Sandon. This evidence gave the factory bigating been a basis upon which to operate. The absence of any elevisies reculting from unemplained U.F.O. sightings londs a "willcharacter visp) mature to the APTC problem. The results of their insurtiguidlon, to dato, strongly indicate that no evidence of hostile act or danger ericits. Furthermore, the current reporting system would h we little value in the case of detection of enemy attack by conven-The although on guided missiles; under such conditions phonous of esono da fecula elicata ed ince

APPROVED OF FRANCERRESTIAL CHICIN

It was interesting to note that none of the members of the P. all word leath to accept that this earth might be visited by eathertempertrial intolligent things of some sort, some day. What they did new find was any evidence that related the objects sighted to space 25X1A GETTL. LOFE. in his presentation, showed how he had elim-EC (12 in well each of the known sel probable causes of sightings leaving him

25X1A

25X1A

BCRET _ sity Information - يتنورك

bally ound as an acrematical engineer and technical intelligence

"C. Michierresticil" as the only one remaining in many cases.

office (Project Officer, Divineon for 15 months) could not be 1:15 blighted. Hencres, the Panel could not accept any of the cases a shoul by him because they were raw, uneveluated reports. bulfacturial aughanotions of the sightings were suggested in some cause of es front in chiar of eighting was so short as to cause 25X1A maphaich of viencl impressions. It was noted by Cand have special artifacts, if they did calet, are no . 480 for clarat rather, they are in the reals of natural phenomena unbjout to coleminis study, just as counte rays were at the time all thate discovery 20 to 30 years ago. This was an attitude inîch did not conver, as he felt that such artifacts n (b.1 would be of immediate and great concern not only to the U. S. but L all comfries. (Nothing like a comen threat to unite peoples!) Page noted that present astronomical knowledge of the solar 0.1. Lysica makes the ordistence of intelligent beings (as we know the : ym) clackiere ther on the earth extremely unlikely, and the Concernation of their attention by any controllable means confined to any two continers of the earth quite preparterous.

: CAC COL WAS SIGHTING

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25X1A

Unit case was considered significant because of the excellent communitary evidence in the form of Kedachrone motion picture films (Cosmo 2000 frames). The Funci studied these films, the case history, MANO's interpretation, and received a briefing by representatives of the UNI These interpretation Laboratory on their analysis of the UNIM. This term had expended (at Air Force request) approximately

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Described of graph plots of individual france of the film, showthe approved and scientive metics of objects and variation in their
the interests and scientive metics of objects and variation in their
their interests. It was the opinion of the P.I.L. representatives
that objects sighted were not birds, ballaces or eigeraft,
the objects sighted were not birds, ballaces or eigeraft,
the objects sighted were not birds, ballaces or eigeraft,
the objects and variation because it we was no binishing while passing
though the order and were, the proof of the objects were displayed. While the Fanol Numbers were impressed by the evident
continuations, indicately and entent of effort of the P.I.L. term, they
could not account the conclusions reached. Some of the reasons for

- c. A semi-spherical object can readily produce a reflection of auxiliable without "blinking" through 60° of are travel.
- b. Alkhough no date was evaluable on the "albedo" of birds or polychylone balloons in bright sunlight, the apparent notions, sizes and brightnesses of the objects were considered strongly to suggest birds, porticularly after the Panci viewed a short film showing high reflectivity of seaguile in bright sunlight.

3 20 2 3

- d. This sto in the Great Falls case were believed to have probably teen absentit, and the bright lights such reflections.
- On there was no valid reason for the ettempt to relate the objects in the Frenches alghbing to these in the Great Falls alghbing. This may know been the to microalcratending in their chroative. The objects in the Great Falls alghbing are throughly composted of boing reflections of aircraft instantempt been in the orea.
- In the intensity change in the Presention lights was too great

 You acceptance of the P.H.L. hyperheads that the apparent

 Lither and changing intensity of the lights indicated entremaly

 and appeal in small orbital paths.
- G. Charact lack of guidance of investigators by these familiar
- A. Leadysis of light intensity of objects made from duplicate where ther exiginal falm. The exiginal falm was noted to have a much lighter budyeourd (affecting relative brightness of object) and the objects appeared much less bright.
- And the of obtaining date of light interestly expected faulty course of unsuitability of equipment and questionable coordinate in making accordes of readings.
- 3. To data had been obtained on the sensitivity of Madaekrone fills to light of various intensities using the same consectives at the same loss openings.

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Source of Colonial Con

The Tree of States of Arequiredes (obtained in from early peak of States and the place of the configuration fills) when not received from the place of the configuration place of the configuration.

the French bolkered absorphy than the data creditable on this signifug van selliniami for positivo identification is further dute. is although by photographing polyethydeno "milkow" bollooms released nave the city under civilles weather conditions, checking bird filigit con refficación characteristica with computent exalthologists and policial and the second for the seco the line. It was completed with the a cultin of such toots would probe ally find in architable appainthant of value in an absentional or the landing progress. However, this Found upted that the cost in texture all ming the effect required to deller up and template every one of the The course of more reports equalived through charmals each year (1,90) in Read actual not be fusicified. It was fully then there will always be of fittings, for which complete date is including, their can enly be e planined with disprepart wells effort and with a long time delay. 10 a cli. The long delay is equalizating a climbing tends to diminate e of intelligation teller. The electricism that training project chested have as a rajer purpose the Mindachia or popular feeling that avery anglicing, no nother has poor the dute, must be explained in detail. My principal phone is alreated to the requirement array concentains there out at placementary to the armoduled, until be completely and completely for and the first that the property of the property of the control of الله المستقد ا

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- Contribution (Creation to contribute the analogy Contribution).
- Us Ephloudivity of privile to meet by charin and greater valattacklists to paper to accept payer elegical represes.

Live contently united the Live Fullance intelligence system, and should no obtained by expected, possibly united Live Fullance intelligence system, and should no obtained by expected to the "flying souser" scare, or if reports and channels are consumed with raise and possity documented reports.

The anyphility of detecting heatile activity will be reduced.

The Theorem the source is required, and that this can best no accomplished by an educational pregram.

TOTAL TOTAL TOTAL OF DEFENDED STREETINGS

this map prepared by ATM chemics goographic leveliens of efficially contact uncomplained eightings (1952 only) was emmined by the Fench.

This map chemet elected in earlieft strategie areas such as Los Alemes.

This map because on the basis of Liebear untabled grand and

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the of the contribution were the the visitings. On the other believe that a contribution of the contributi

FESS STEATE PARTIES TO OWNEY!

Place 200 includitive 35 nm. stered communication that the present ATTC program to place 200 includitive 35 nm. stered communication the hands of verious addition control tower operators would probably produce little valuable data related to U.F.O. Le. However, it was recognized that such action would tend to allay public concern in the subject until an elecational program had taken offect. In was believed that procure into all those communication of public pressure in Saly 1952. With the pass results of the year-long Project will like program of 24-hour instrumentation watch (two frames of film showing nothing distinguishable), a widespread program of skyward method not be expected to yield much direct data of value.

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	ruere ass courregraphy consensation or s bessions asta bearest. Ell.
25X1A	analous actionomers and by wide-engle comeres
25X1A	ord pointed out that of present a considerable fraction

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of the the the market has been for many years-earlier empositions	
and the species within the season of majoon and spaces opposated brething on	
nell on the lagrance projects at the various lecations bloted below.	
The first of the control of these activities is largely directed	
were the filter thank a restrict than unidentified objects, no case of any	V 1 A
Control of the contro	X1A
in the two wealth and service ally be reported if found on paired plates.	
and the second vices an appropriate results of interrupt his	
anguardo in coder to photograph an alleged sighting in a different	
pure of the day. This led to say that, if a program of	ان ما
Carcing could be an edjust; of planned estremented progress. 19869a	EV4
sees would be devolved and that the trained astronomical parcounci	5X1
List of the lograph a sighting of an unidentified object.	٠.
The lecapion of some of these programs and their directors are	
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C. Harvard University, Cambridge and The Memico (meteor petrol)-	
o. Marked Observatory, University of Chicago and Fort Dayle, Round	
(several programs) Meinel (europae), Mulper (asteroids),	
Morgan (wide angle caméra).	1 10
c. University of Alaska, Fairbanks (durorae) Elvey	
5. Dozlinion Observatory, Obtava (meteors) - Millman	
Follown Observatory, California (sky map) - Winkowski	
the Colon Conservatory, California (alsy med)—Shows	

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Approved For Release 2004/03/26: CIA-RDP81R00560R000100040001-7 SOCRET Soundby Relementation

the this approach by the Painth that no government-sponsored program If cyllical unticheded one putrol is workehile of the present time, and this the encouragement of oursers astronomizes to undertain buth a yet aren edgirt larvo tho edverse offert of over-emphacining "flydng the charles in the public mind. However, the issue of reder scope Chieffed for Poserting possiter radar cohoos would serve several purca secretary which receives the britter universities of ruder interference ca woll to liestification of T.A.J. a.

THAT PROPERTY OF STURMS, INTERPRETED IN

Wils characteristic profiler of rader operation wherein the pulse signed (of eggrenimately the area frequency) from station A may be Thekel up on the surcon of ctablen B and show as a high-speed track are earlies of dots was resognized to have probably caused a number of U.J.O. poporta. This problem was underlined by information resolved a Michilag ADC conscer in colving this problem of signal identification

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Follow corride upo of very high-speed aircraft or guided missiles

25X1A (())35=(1936)。 holicood that one carrer to this problem the the use of a Cappler filters in the receiving circuit. unggested that the problem might be better solved by the use of a

"construince jittor" wherein the operator receiving byery lost tracks"

(a) the order of 1000- 10,000 mopoho) until operate a circuit thick would alter slightly his station's pulse frequency rate. If the signal ecocives on the careen had been coused by mutual interference with Carthan Phrisian, the tweek would now chen itself at a different distance

> SECRET Scourity Enformation

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deroj alla a topiameni	noissuico	ಬಚಿತ	Solgnie	and	uculd	ಕೆರಾತಿ	much	loss	فتعت	
Compression Statement										

The Population comes were commined: one at Palemer Mountain, California, in Calabor 1949, when commit try counters were "off scale for a few accoming apparently while of "V" of flying sameers was observed visually; and have, a corride of characteristical by the "Los Alames Bird Watchers Association" interface to characteristical interpretation to Joseph 1950 to Joseph 1951, when counter ray coincidence counters behaved queenly. Constant diagrams and records were available for the latter, and were able quickly to point out that the recorded data were conductedly due to instrumental effects that would have been recognized as such by more experienced observers.

The implication that redicastive effects were correlated with unidualified flying objects in these two cases was, therefore, rejected by the Panal.

MARROOM PROGRAM

The Panel's concept of a bread educational program integrating afficient of all concerned agencies was that it should have two major class twelving and "debunking".

Ele training aim would result in proper recognition of unusally likewingted objects (e.g., balkeens, aircraft reflections) as well as noted all phonousna (motoors, fireballs, mirages, northweat clouds).

The thread and radar recognition are concerned. There would be many

SECRET Security Information

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Secutivy Enformation

Levello in anth education from enlicted personnel to command and reserved programmed. Relative emphasis and degree of emplementary of different programme weaks compared to the categories of daily (o.g., refer operators; pikeling comback towar operators; formal Observer Corps personnel; and efficient and conflicted man in other categories.) This training should require the anthologophes caused by misidentification and provide the anthologophes.

In "filying sources" which today evokes a strong psychological reaction.

This clustion could be assemblished by mass modia such as television, motion photograp, and popular articles. Basis of such as television would be attack one histories which had been passing at first but later explained. As in the case of conjuring tricks, there is much loss stimulation if the "search" is known. Such a program should tend to reduce the current guilibility of the public and consequently their truncaptibility to slaver heatile propagands. The Panel noted that the general absence of Funcian propagands based on a subject with so many obtions possibilities for exploitation might indicate a passible Busedan off; and policy.

Ministers of the Famel had various suggestions related to the planming of such an educational program. It was felt strongly that pay halogists familiar with mass psychology should advise on the univerand orders of the program. In this connection, Dr. Hadley Cambril.

(2. another University) was suggested. Cambril authored "Invasion from

e nor br

March, le obady in the payehology of paric, written about the famous Jr - Mollos radio kreadenst in 1918) and has since performed edvoracd inluminary cuminos in the Shoid of perception. The names of Den Harvitt (Villiance of Michigan) and Leo Roston were nautioned as possibly andible as consultant psychologists. Also, sources familier with mose duminisables isolaiches, perhaps en alverbising empert, would be holiphul. Arthur Godfrey we manthoned as pessibly a valuable charmel 25X1/ of commission reaching a mass addense of certain levels. auggested the J. S. Mary (OFR) Special Davices Center, Sanda Point, L. I., os a potentially valuable erganisation to assist in such an educational program. The tending techniques used by this agency for aircraft iduntification during the past war jaag ofted as an example of a similar afficitional test. (The Jam Harriy Co. which made World War II training films (notica picture and alide strips) was also suggested, as well as suggested that the Wally Binney, Inc. animated earteems. callure astronomore in the V. S. might be a potential source of entirestacting talent "to spread the gospel". It was believed that business olairo, high schools, colloges, and television stations would all be planed to cooperate in the showing of disumentary type notion pictures if recoured in an interesting manner. The use of true cases showing first the "mystery" and then the "coplanation" would be forceful.

To plan and execute such a program, the Panel believed was no main task. The current investigatory group at ATIC would, of necessity, have to be electly integrated for support with respect to not only the

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Company of one of the physiological and uniters and a subsequential and the subsequential and the subsequential and addition. The Penal of the subsequential and appropriately aspended as accusary, and the subsequential and appropriately aspended as accusary, and the subsequential and resource in ATTO would be of volume to both the publications and resource training program cavicaged.

25X1A

co least was of the opinion that after public gullivility of located such the correct of the correct organizations, such as ADC, had been trained to clot out the name recally explained opinions sightings, there would shall be a rolle for a very nedest-sized ATEC section to cope with the recall to a rolle for a very nedest-sized ATEC section to cope with the recall that of them of peoplets scientific intelligence value. This couldn't alter a considerable on energetically following up (perhaps on the calculation of qualified Air Force Scientific Advisory Board nombers).

The calculation of qualified Air Force Scientific Advisory Board nombers).

The calculations. Reports of such artifacts would be expected to entire untally from Western cutpopts in far closer proximity to the form Cartain than Indicale, Terms!

F DECIAL TRUSTICATION CROSS

The Fanel took cognimense of the emistance of such groups as the "Carallian Flying Source Envestigators" (Les Angeles) and the "Acriel.

Elemente Research Organization (Visconsin). It was believed that the target acres about the universal because of their potentially.

4 EG h b S. Succeity information

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TAB A

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14. To a on Mariano Dilus of adjudings at Tremanion, Wash, 2 July 1953 Great Pulls, Mariana, dequat 1950.

and the court during the second of the court of the court

And Charte Showing Place of Goognachie Learning of Unemplained Sightings on the University States januing 1952.

and the Showing Balloon Tunnebing bives in the United States.

orio Staning Solvated Petual Balloon Flight Paths and Relation Repairted Sightings.

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ser of popular policies of the Andling with subject (articles in a colicies).